CAMBRIDGE COLLOQUIA IN MATHEMATICS EDUCATION

Monday 4th February 2008 at 5.30 p.m., Room G05, Mary Allan Building, Hills Road

Libby Jared, Faculty of Education, University of Cambridge

DOING MATHEMATICS IN DIFFERENT PLACES

With the rise in Internet access and content, mathematics resources are no longer limited primarily to being school based - the home could also have the resources openly available. When taken up, dual locations of private/home and public/school are formed. Whilst there is the potential for the two to be linked, evidence suggests that this is not yet necessarily the case. This seminar will present findings from a recent study that has explored factors that contribute to school students' self-directed personal learning in mathematics.

Monday 3rd March 2008 at 5.30 p.m., Room G05, Mary Allan Building, Hills Road

Marilena Petrou, Faculty of Education, University of Cambridge

THE ROLE OF 'SCHEMA PROBLEMS' IN CYPRIOT MATHEMATICS EDUCATION

In this talk I will report some of the results from my ongoing doctoral study which is centred on understanding the relationship between Cypriot preservice teachers' subject-matter knowledge (SMK) of mathematics and their classroom practice. One of the findings is that poor SMK relates to poor teaching. In my presentation I will compare two preservice teachers' understanding and teaching of 'schema problems'. Schema theory plays a central role in mathematics textbooks in Cyprus. Schemas were designed to help students to connect the semantic relation found in a word problem to the steps needed for its solution.

Tea and coffee will be available before each meeting. All are very welcome.

For directions to the Mary Allan Building and any other information, contact Tim Rowland at tr202@cam.ac.uk